

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/02137

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H01R39/20 H01R39/46 H01R43/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 128 496 A (DENSO) 29 August 2001 (2001-08-29)	1
A	column 5, line 33 - column 6, line 9; figures 5A-5F	3
Y	DE 199 13 599 A (SCHUNK) 28 September 2000 (2000-09-28)	1
A	column 3, line 17 - line 24; figures 1-8	3
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 292, 25 June 1990 (1990-06-25) & JP 02 094381 A (OOPACK), 5 April 1990 (1990-04-05) abstract	1,3

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

8 document member of the same patent family

Date of the actual completion of the international search

26 May 2003

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04/06/2003

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1128496	A	29-08-2001	EP 1128496 A1	29-08-2001
			JP 2001313138 A	09-11-2001
			US 2001015590 A1	23-08-2001
DE 19913599	A	28-09-2000	DE 19913599 A1	28-09-2000
JP 02094381	A	05-04-1990	NONE	